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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/000075

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A61K 48/00, A61P 35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61K 48/00, A61P 35/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Pubmed [(LK68 OR LK8 OR apolipoprotein(a) kringle) AND (cancer OR tumor) AND gene therapy]

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	YU et al., 'Suppression of colorectal cancer, liver metastasis and extension of survival by expression of apolipoprotein(a) kringle', Cancer Research, Oct. 2004, Vol.64, pp.7092-7098 See the abstract.	1 - 21
P, X	WO 2004/073730 A1 (MOGAM BIOTECHNOLOGY RESEARCH INSTITUTE) 02 Sep. 2004 See the whole document.	1 - 21
X	WO 01/19868 A1 (MOGAM BIOTECHNOLOGY RESEARCH INSTITUTE) 22 Mar. 2001 See the abstract.	1 - 21
A	LOGRASSO et al., 'Cloning, expression, and characterization of human apolipoprotein (a) kringle IV37', The Journal of Biological Chemistry, Aug. 1994, Vol.269(34), pp.21820-21827 See the whole document.	1 - 21

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
12 APRIL 2005 (12.04.2005)

Date of mailing of the international search report

13 APRIL 2005 (13.04.2005)

Name and mailing address of the ISA/KR



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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material

a sequence listing
 table(s) related to the sequence listing

b. format of material

in written format
 in computer readable form

c. time of filing/furnishing

contained in the international application as filed
 filed together with the international application in computer readable form
 furnished subsequently to this Authority for the purposes of search

2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

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Information on patent family membersInternational application No.
PCT/KR2005/000075

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004/073730 A1	02.09.2004	KR 2004-0075270 A	27.08.2004
WO 01/19868 A1	22.03.2001	US 20040259202 A1	23.12.2004
		US 6743428 B1	01.06.2004
		JP 2003509042 T2	11.03.2003
		EP 1214346 A1	19.06.2002
		CA 2384929 AA	22.03.2001
		AU 5762199 A1	17.04.2001